

High School Teachers 2012

Report of Contributions

Contribution ID: 0

Type: **not specified**

Perimeter Institute workshop

Monday 9 July 2012 09:00 (2h 30m)

Contribution ID: 1

Type: **not specified**

Short site tour

Sunday 1 July 2012 17:30 (1 hour)

Designed to help participants orient themselves on site and locate lecture rooms.

Presenters: STORR, Mick (CERN); Dr SCHMELING, Sascha Marc (CERN)

Contribution ID: 4

Type: **not specified**

Visits evaluation

Monday 2 July 2012 18:00 (45 minutes)

Contribution ID: 5

Type: **not specified**

Introduction to IBSE Activity

Tuesday 3 July 2012 09:00 (1h 30m)

Presenter: Dr ALEXOPOULOS, Angelos (University of Athens (GR))

Contribution ID: 6

Type: **not specified**

Lecture review

Tuesday 3 July 2012 16:30 (1 hour)

Contribution ID: 8

Type: **not specified**

Antimatter Mysteries

Thursday 12 July 2012 16:00 (1 hour)

Presenter: LANDUA, Rolf (CERN)

Contribution ID: **10**

Type: **not specified**

Tutorial : The Concept of Mass

Thursday 5 July 2012 09:00 (3 hours)

Presenter: JONES, Goronwy (University of Birmingham, School of Physics and Astronomy)

Contribution ID: **16**

Type: **not specified**

Farewell BBQ

Friday 20 July 2012 19:00 (5 hours)

Meet outside the B33 Reception at 18.30

Contribution ID: 17

Type: **not specified**

Perimeter Institute workshop

Monday 9 July 2012 13:00 (2h 30m)

Contribution ID: **19**

Type: **not specified**

Parallel Visits : Globe Universe of Particles Exhibition and Microcosm

Wednesday 4 July 2012 15:30 (1h 30m)

Contribution ID: 22

Type: **not specified**

Introduction to CERN Public Exhibitions

Monday 2 July 2012 14:00 (1 hour)

Contribution ID: 23

Type: **not specified**

Lecture Review and Discussion

Thursday 5 July 2012 18:00 (1 hour)

Contribution ID: 24

Type: **not specified**

Introduction to CERN

Monday 2 July 2012 10:00 (45 minutes)

Presenter: ELLIS, Jonathan R. (CERN)

Contribution ID: 26

Type: **not specified**

Team Building

Monday 2 July 2012 11:00 (1h 30m)

Presenter: STORR, Mick (CERN)

Contribution ID: 27

Type: **not specified**

Pool and Pizza (tbc)

Tuesday 3 July 2012 18:30 (4h 30m)

Swim at the pool across the road from CERN entrance B and/or walk to Pizza restaurant in Meyrin. (Swim and walk dependent on weather).

Presenter: STORR, Mick (CERN)

Contribution ID: **28**

Type: **not specified**

Discover Geneva Treasure Hunt

Sunday 8 July 2012 13:00 (10 hours)

Have fun discovering Geneva and finish the day with a well deserved fondue at the Cave Valaisanne, Plain Palais.

Presenter: STORR, Mick (CERN)

Contribution ID: **29**

Type: **not specified**

Registration

Monday 2 July 2012 08:30 (30 minutes)

Presenter: PROLA-TESSAUR, Maureen (CERN)

Contribution ID: **30**

Type: **not specified**

Introduction to Particle Physics (1/2)

Tuesday 3 July 2012 14:00 (45 minutes)

Presenter: LANDUA, Rolf (CERN)

Contribution ID: 31

Type: **not specified**

History of Scientific Ideas (1/3)

Friday 13 July 2012 19:45 (1 hour)

Presenter: JONES, Goronwy (University of Birmingham, School of Physics and Astronomy)

Contribution ID: 37

Type: **not specified**

Medical Applications of Particle Physics

Tuesday 10 July 2012 14:00 (1h 30m)

Presenter: DOSANJH, Manjit (CERN)

Contribution ID: 39

Type: **not specified**

Introduction to Particle Detectors

Wednesday 11 July 2012 09:00 (2 hours)

Presenter: HARTMANN, Frank (CERN and KIT - Karlsruhe Institute of Technology)

Contribution ID: 43

Type: **not specified**

Update on Higgs search (ATLAS and CMS experiments)

Wednesday 4 July 2012 09:00 (1h 30m)

Contribution ID: 47

Type: **not specified**

Closing Session

Friday 20 July 2012 16:00 (30 minutes)

Contribution ID: 50

Type: **not specified**

Reports from Working Groups (cont)

Friday 20 July 2012 14:00 (2 hours)

Contribution ID: 51

Type: **not specified**

Q/A on Update on Higgs Search

Wednesday 4 July 2012 14:00 (1 hour)

Presenter: LANDUA, Rolf (CERN)

Contribution ID: 52

Type: **not specified**

Visit CCC and AMS

Wednesday 18 July 2012 10:30 (1h 30m)

Contribution ID: 54

Type: **not specified**

International Evening

Monday 16 July 2012 19:00 (5 hours)

Presenter: EVERYONE

Contribution ID: 55

Type: **not specified**

Parallel Visits : Globe Universe of Particles Exhibition and Microcosm

Monday 2 July 2012 15:00 (2 hours)

Contribution ID: 56

Type: **not specified**

Practical Information

Sunday 1 July 2012 18:30 (1 hour)

Presenter: STORR, Mick (CERN)

Contribution ID: 59

Type: **not specified**

Introduction to the Programme

Monday 2 July 2012 09:00 (30 minutes)

Presenter: STORR, Mick (CERN)

Contribution ID: **60**

Type: **not specified**

Reports from Working Groups

Friday 20 July 2012 09:00 (3 hours)

Contribution ID: **61**

Type: **not specified**

Welcome Reception

Sunday 1 July 2012 16:30 (1 hour)

Informal get together, with refreshments and light snacks

Presenter: STORR, Mick (CERN)

Contribution ID: **62**

Type: **not specified**

Introduction to Particle Physics (4/4)

Friday 6 July 2012 09:30 (1 hour)

Presenter: LANDUA, Rolf (CERN)

Contribution ID: 63

Type: **not specified**

Introduction to Particle Physics (3/4)

Thursday 5 July 2012 14:30 (1 hour)

Presenter: LANDUA, Rolf (CERN)

Contribution ID: **64**

Type: **not specified**

Parallel activity : Build a Cloud Chamber

Thursday 5 July 2012 09:00 (3 hours)

Contribution ID: 65

Type: **not specified**

Introduction to Discover the COSMOS Portal

Tuesday 17 July 2012 10:30 (1 hour)

Presenter: Dr LAZOUDIS, Angelos (Ellinogermaniki Agogi)

Contribution ID: 67

Type: **not specified**

A short history of neutrinos, what we have learned about them, what we have learned using them, up to neutrino oscillations

Tuesday 3 July 2012 11:00 (1 hour)

Presenter: STEINBERGER, Jack (CERN)

Contribution ID: **68**

Type: **not specified**

Introduction to Particle Physics (2/4)

Tuesday 3 July 2012 15:00 (45 minutes)

Presenter: LANDUA, Rolf (CERN)

Contribution ID: **69**

Type: **not specified**

Surprise

Tuesday 3 July 2012 10:30 (20 minutes)

Contribution ID: 70

Type: **not specified**

TWO NOBEL STORIES : Marie Curie 2 - Ernest Rutherford 1

Thursday 5 July 2012 16:30 (1 hour)

Presenter: Prof. JARLSKOG, cecilia (lund university)

Contribution ID: 71

Type: **not specified**

An Introduction to Quantum Fluctuations

Friday 6 July 2012 11:00 (1 hour)

Presenter: JONES, Goronwy (School of Physics and Astronomy)

Contribution ID: 72

Type: **not specified**

Introduction to Accelerators

Tuesday 10 July 2012 09:00 (1h 30m)

Presenter: Dr GILARDONI, Simone (CERN)

Contribution ID: 73

Type: **not specified**

Introduction to Accelerators

Thursday 12 July 2012 09:00 (1h 30m)

Presenter: Dr GILARDONI, Simone (CERN)

Contribution ID: 74

Type: **not specified**

A Search for Dark Matter with a continuously sensitive Bubble Chamber

Tuesday 10 July 2012 11:00 (1 hour)

Presenter: COOPER, Peter (Fermilab)

Contribution ID: 75

Type: **not specified**

Working groups

Friday 13 July 2012 09:00 (7h 30m)

Contribution ID: 76

Type: **not specified**

Working group progress reports

Friday 13 July 2012 16:30 (1 hour)

Contribution ID: 77

Type: **not specified**

Pathway Project Overview

Monday 16 July 2012 09:00 (1 hour)

Presenter: Dr SOTIRIOU, Sofoklis (Ellinogermaniki Agogi)

Contribution ID: 78

Type: **not specified**

Working Group Presentations

Monday 16 July 2012 10:30 (2 hours)

Contribution ID: 79

Type: **not specified**

Presentation of Pathway Tools

Monday 16 July 2012 14:00 (1 hour)

Presenters: Dr LAZOUDIS, Angelos (Ellinogermaniki Agogi); Dr SOTIRIOU, Sofoklis (Ellinogermaniki Agogi)

Contribution ID: **80**

Type: **not specified**

Working group presentations

Monday 16 July 2012 15:30 (1h 30m)

Contribution ID: **81**

Type: **not specified**

Organisation of CERN Days

Monday 16 July 2012 17:00 (30 minutes)

Presenter: Dr SOTIRIOU, Sofoklis (Ellinogermaniki Agogi)

Contribution ID: **82**

Type: **not specified**

Hands-on Hypatia

Thursday 19 July 2012 09:00 (3 hours)

Presenter: KOURKOUMELIS, Christine (University of Athens (GR))

Contribution ID: **83**

Type: **not specified**

Visit Super Conducting Magnet Test Facility

Friday 13 July 2012 11:30 (1 hour)

Presenter: KORATZINOS, m (National Technical Univ. of Athens (GR))

Contribution ID: **84**

Type: **not specified**

Visit Super Conducting Magnet Test Facility

Friday 13 July 2012 13:30 (1 hour)

Presenter: KORATZINOS, m (National Technical Univ. of Athens (GR))

Contribution ID: 85

Type: **not specified**

Summer Student Welcome Drink

Tuesday 17 July 2012 16:00 (2 hours)

Contribution ID: 86

Type: **not specified**

History of Scientific Ideas (2/3)

Sunday 15 July 2012 19:45 (1 hour)

Presenter: JONES, Goronwy (School of Physics and Astronomy)

Contribution ID: 87

Type: **not specified**

Visit ATLAS Visitor Centre

Tuesday 17 July 2012 09:00 (1 hour)

Presenter: ALHROOB, Muhammad (Abdus Salam Int. Cent. Theor. Phys. (IT))

Contribution ID: **88**

Type: **not specified**

Introduction to Cosmology

Wednesday 18 July 2012 09:00 (1 hour)

Presenter: SERVANT, Geraldine (CERN)

Contribution ID: **89**

Type: **not specified**

Working groups

Wednesday 18 July 2012 12:00 (4 hours)

Contribution ID: **90**

Type: **not specified**

Introduction to CMS

Wednesday 18 July 2012 16:00 (1 hour)

Presenter: Dr TRACZYK, Piotr (Univ. of California Los Angeles (US))

Contribution ID: **91**

Type: **not specified**

Visit CMS

Thursday 19 July 2012 13:30 (3 hours)